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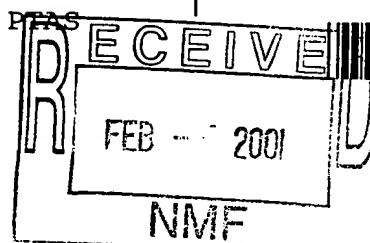
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JANUARY 31, 2001

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MICHAEL I. FALKOFF, ESQ.  
ONE INTERNATIONAL PLACE  
BOSTON, MA 02110-2699



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 10/30/2000

REEL/FRAME: 011273/0639  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LIU, YI

DOC DATE: 10/26/2000

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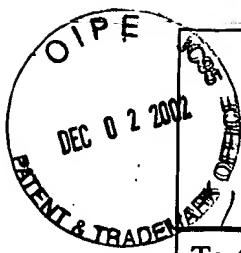
ASSIGNEE:

PANAMETRICS, INC.  
221 CRESCENT STREET  
WALTHAM, MASSACHUSETTS 02453-3497

SERIAL NUMBER: 09702074

FILING DATE: 10/30/2000  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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11-30-2000

G LABEL NO. EL327516618US  
RNI DOCKET NO. 100969-147

101532968

HEET

To the Assistant Commissioner for Patents: Please record the attached original documents or a copy thereof.

## 1. Name of conveying parties:

Yi Liu

Additional name(s) of conveying party(ies) attached?

Yes  No

## 2. Name and address of receiving party:

Name: Panametrics, Inc.  
Street: 221 Crescent Street  
City: Waltham  
State: Massachusetts  
Zip: 02453-3497

## 3. Nature of conveyance:

Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other

Execution Date:

Additional name(s) &amp; address(es) attached?

Yes  No

4. Application number(s) or patent number(s): (If this document is being filed together with a new application, the execution date of the application is:) **October 26, 2000**

## A. Patent Application No:

## B. Patent No(s): [Patent No(s)]

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Atty. Name: Michael I. Falkoff, Esq.  
Firm Name: Nutter, McCennen & Fish, LLP  
Street Address: One International Place  
City/State: Boston, MA  
Zip Code 02110-2699  
Direct Dial No. (617) 439-2879  
Direct Fax No. (617) 310-9879

6. Total number of applications and patents involved? 1

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed

Authorized to be charged to  
Deposit Account No. 141449

8. Deposit Account No. 141449 (Attach  
duplicate copy of this page if paying by  
deposit account)

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9. Statement and signature (To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.)

Michael I. Falkoff

Name of Attorney

  
Signature30 Oct. 2000  
Date

Total number of pages including cover sheet: 3

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**A S S I G N M E N T**

Whereas I, the undersigned, **Yi Liu**, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, **ANTI-PARALLEL TAG FLOW MEASUREMENT SYSTEM**, identified as Attorney Docket No. **100969-147**, which application or a copy thereof was executed by me of even date herewith and is about to be filed in the United States Patent and Trademark Office;

Whereas, **Panametrics, Inc.**, a corporation of Delaware having a place of business at **221 Crescent Street, Waltham, MA 02453-3497** and which, together with its successors and assigns, hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, provisional application and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said

patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument under seal on the dates indicated next to my name.

Dated: 10/26/2000

  
Yi Liu

**NOTARIAL CERTIFICATE**

Commonwealth of Massachusetts  
County of Middlesex

Before me appeared **Yi Liu**, to me known and known to me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be his free act and deed.

Date: 10/16/00

  
Notary Public  
My Commission Expires:

[seal] 11/2002

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